

A BIBLIOGRAPHY OF THE RHIZOCEPHALA (CRUSTACEA: CIRRIPEDIA)

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ABSTRACT A bibliography of parasitic barnacles of the suborder Rhizocephala, including 490 titles, is presented. Scientific works from 1787 to present are listed.

INTRODUCTION

The Rhizocephala represent one of the suborders of the crustacean order Cirripedia. All are parasites of other crustaceans, principally decapods (crabs, shrimp, and their allies).

A rhizocephalan larva penetrates a susceptible host, and ramifies throughout the host in a root-like system called an interna. After growth internally in the host, the parasite grows an external sac-like structure, filled mainly with sexual organs, called an externa. The externa is attached to the abdomen of its host by a short stalk, from which roots pass into the interior of the host, deriving nourishment from the body fluids of the host.

Rhizocephalans can cause "parasitic castration" of their hosts, and the secondary sexual characteristics of the host may be altered. Parasitized male crabs may have a broadening of the abdomen so that it resembles the abdomen of a normal female; they also may have deformed pleopods. The gonads are affected in two main ways: by retardation of development, and by actual destruction.

After the externa drops off, the interna generally slowly degenerates. The host may recover and resume a normal life; however, it is likely that it will remain stunted and can never carry on normal reproductive processes. The host's gonads can recover from the effects of castration if it is freed from the parasite. Females regenerate functional ovaries and males that are slightly modified regenerate testes. Males that are altered so that they exhibit the external characters of females may regenerate a hermaphroditic gonad.

Rhizocephalans do not prevent molting of the host as long as they are internal. Parasitized brachyuran crabs do not molt, as a rule, after the rhizocephalan has become external.

As rhizocephalans parasitize a number of commercially important decapods throughout the world, this bibliography should be of use to parasitologists and persons involved in the study of decapods.

We have undoubtedly omitted some references, and would appreciate any additions that can be made to this listing.

BIBLIOGRAPHY

Abric, P. 1904. Les premiers stades du développement de la Sacculine. *Compt. Rend. Acad. Sc., Paris* 139:430-432.

Adkins, G. 1972. Notes on the occurrence and distribution of the rhizocephalan parasite (*Loxothylacus texanus* Boschma) of blue crabs (*Callinectes sapidus* Rathbun) in Louisiana estuaries. *La. Wildl. Fish. Comm. Tech. Bull.* No. 2, 13 pp.

Altès, J. 1962. Sur quelques parasites et hyperparasites de *Clibanarius erythropus* (Latreille) en corse. *Bull. Soc. Zool. France* 87:88-97.

Anderson, J. 1858. (1) On the genus *Peltogaster* (Rathke); an animal form parasitic on the abdomen of crabs. (2) On the occurrence of the *Galathea andrewsii*. *Proc. Roy. Phys. Soc., Edinb.* (1854-1858) 1:412-415.

_____. 1862. On the anatomy of *Sacculina*, with a description of the species. *Ann. Mag. Natur. Hist.* 9(3): 12-19.

Andrieux, N. 1968. Étude de la cuticule chez *Carcinus mediterraneus* (Czerniavsky) indemne et parasite par *Sacculina carcinii* Thompson. *Bull. Soc. Zool. France* 93: 611-627.

_____. 1969. Remarques préliminaires sur la glande de mue de *Carcinus mediterraneus* infestés par *Sacculina carcinii*. (English summary). *Ann. Parasitol.* 44(1):83-91.

_____. 1974. Action de l'ecdystérol sur les phénomènes de mue des crabes *Carcinus mediterraneus* sains et parasités par *Sacculina carcinii*. *Compt. Rend. Acad. Sc., Paris* 279(10):807-810.

_____, J. Berreur-Bonnenfant & C. Herberts. 1976. Compositions protéique de l'hémolymphe des crabes *Carcinus mediterraneus* Czerniavsky, sains ou parasites par *Sacculina carcinii* Thompson. *Compt. Rend. Acad. Sc., Paris* 282(3):2091-2094.

_____, P. Porcheron, J. Berreur-Bonnenfant & F. Dray. 1976. Détermination de taux d'ecdysone au cours du cycle d'intermue chez le crabe *Carcinus maenas*: comparaison entre individus sains et parasites par *Sacculina carcinii*. *Compt. Rend. Acad. Sc., Paris* (D), 283(12): 1429-1432.

Annandale, N. 1911. Note on a rhizocephalous crustacean from fresh water, and on some specimens of the order from Indian Seas. *Rec. Ind. Mus.* 6:1-4.

Anonymous. 1969. Crab parasite. *Wld. Fishg.* 18(8):48.

Arnaud, P. M. & T. Do-Chi. 1977. Biological and biometrical data on the lithodid crab *Lithodes murrayi* (Crustacea, Decapoda, Anomura) of Crozet Islands (SW Indian Ocean). *Mar. Biol. (Berl.)* 39(2):147-159.

Baal, I. van. 1937. Biological results of the Snellius Expedition. II. Rhizocephala of the families Peltogastridae and Lernaeodiscidae. *Temminckia* (Leiden) 2:1-96.

Baer, J. G. 1946. *Le Parasitisme*. F. Rouge & Cie S.A. Lib. de L'Univ. Lausanne. 232 pp.

_____. 1951. *Ecology of Animal Parasites*. Univ. Illinois Press. 224 pp.

_____. 1971. *Animal Parasites*. McGraw-Hill, New York. 256 pp.

Baffoni, G. M. 1947a. Effetti del parassitismo da Rizocefali e Bopiridi sull' *Eupagurus prideauxii* (Leach). *Pubbl. Staz. Zool. Napoli* 21:37-50.

_____. 1947b. Osservazione sulla trasformazione del sesso nei Crostacei Decapodi. *Pubbl. Staz. Zool. Napoli* 21:132-147.

_____. 1948a. Annotazione comparativa sull' azione prodotta dai Rizocefali parassiti di *Eupagurus prideauxii*. *Pubbl. Staz. Zool. Napoli* 21:237-255.

_____. 1948b. La castrazione parassitaria da *Ione thoracica* (Montagu) e da *Parthenopea subterranea* Kossmann in *Callianassa laticauda* Otto. *Arch. Oceanogr. e Limnol.* 5(4):1-14.

_____. 1953. Modificazioni metaboliche dell' epatopancreas di *Callianassa laticauda* nella castrazione parassitaria. *Atti. Accad. Nazl. Lincei, Rend. Classe Sci. Fis. Mat. e Nat.* (8), 14(3):436-442.

Barker, W. H., Jr. & F. B. Bang. 1966. The effect of infection by gram-negative bacteria, and their endotoxins, on the blood-clotting mechanism of the crustacean *Sacculina carcinii*, a parasite of the crab *Carcinus maenas*. *J. Invert. Path.* 8(1):88-97.

Bauduin, H. 1931. Notes anatomiques sur le *Septosaccus cuenoti*. *Mémoire de la Faculté des Sciences de l'Université de Paris*, No. d'ordre: 425 (also in: *Trav. Stat. Biol. Roscoff*, fasc. 9, 1931).

Behre, E. H. 1950. Annotated list of the fauna of the Grand Isle region, 1926-1946. *Occas. Papers Marine Lab. Louisiana State Univ.* No. 6, 66 pp.

Beneden, E. van. 1869. Sur le mode de formation de l'oeuf et le développement embryonnaire des Sacculines. *Compt. Rend. Acad. Sc.*, Paris 69:1146-1152.

_____. 1870. Recherches sur l'embryogénie des Crustacés. II. Développement de l'oeuf et de l'embryon des Sacculines (*Sacculina carcinii*, Thoms.). *Bull. Acad. Méd. Belgique*, 2 e série, 29:99-112 et 599.

Biedl, A. 1913. *Innere Sekretion*. 2 Aufl. Urban and Schwarzenberg, Berlin. 692 pp.

Bocquet, C. 1971. Espèces nouvelles décrites de la région de Roscoff entre 1945 et 1970. *Cah. Biol. Mar.* 12(4): 381-404.

Bocquet-Védrine, J. 1957. *Chthamalophilus delagei* nov. gen., nov. sp., Rhizocéphale nouveau, parasite de *Chthamalus stellatus*. *Compt. Rend. Acad. Sc.*, Paris 244:1545-1548.

_____. 1958a. Sur l'organisation de *Chthamalophilus delagei* J. Bocquet (Crustacé Rhizocéphale). *Compt. Rend. Acad. Sc.*, Paris 246:484-486.

_____. 1958b. Ecto-parasitisme et absence de migration chez *Chthamalophilus delagei* J. Bocquet-Védrine, Cirripède parasite des *Chthamalus*. *Compt. Rend. Acad. Sc.*, Paris 247:2440-2442.

_____. 1959. Sur un *Cancer pagurus* L. porteur de cinq sacs de *Sacculina inflata* Leuckart. *Arch. Zool. Exp. Gén.* 98(2):57-61.

_____. 1960. Premiers stades de segmentation de l'oeuf de *Chthamalophilus delagei* J. Bocquet-Védrine (Crustacé Rhizocéphale). *Compt. Rend. Acad. Sc.*, Paris 250:1557-1559.

_____. 1961. Morphologique de *Chthamalophilus delagei* J. Bocq.-Véd., Rhizocéphale parasite de *Chthamalus stellatus* (Poli). *Cah. Biol. Mar.* 2:455-593.

_____. 1964. Embryologie précoce de *Sacculina carcinii* Thompson. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 39:1-11.

_____. 1965. Cycle du rhizocéphale hermaphrodite *Chthamalophilus delagei* J. Bocquet-Védrine, parasite externe du cirripède opercule *Chthamalus stellatus* (Poli). *Bull. Mus. Nat. Hist. Nat.*, Paris, 2. s., 37(3):469-475.

_____. 1966. Cycle du rhizocéphale hermaphrodite *Chthamalophilus delagei* J. Bocquet-Védrine, parasite externe du cirripède opercule *Chthamalus stellatus* (Poli). *Proc. 1. Internat. Cong. Parasitol.* (Rome, Sept. 21-26, 1964) 2:1085-1086.

_____. 1967. Un nouveau rhizocéphale parasite de cirripède: *Microgaster balani* n. gen. n. sp. *Compt. Rend. Acad. Sc.*, Paris 265(21):1630-1632.

_____. 1968. Description des stades immatures du Rhizocéphale *Boschmaella balani* (J. Bocquet-Védrine) (= *Microgaster balani* J. Bocquet-Védrine), parasite de *Balanus improvisus* Darwin. *Arch. Zool. Exp. Gén.* 109:257-267.

_____. 1969. La larve du rhizocéphale *Boschmaella balani* (J. Bocquet-Védrine). *Arch. Zool. Exp. Gén.* 110:279-288.

_____. 1972a. Conditions écologiques nécessaires à l'instauration du parasitisme des Cirripèdes Operculés par les Rhizocéphales. *Compt. Rend. Acad. Sc.*, Paris (D), 275(1):67-69.

_____. 1972b. Les Rhizocéphales. *Cah. Biol. Mar.* 13(5): 615-626.

_____. & J. Parent. 1972a. Organogenèse secondaire du Crustacé Rhizocéphale *Boschmaella balani* (J. Bocquet-

Védrine) parasite de *Balanus improvisus* Darwin. *Arch. Zool. Exp. Gén.* 113(1):109–128.

Bocquet-Védrine, J. & J. Parent. 1972b. Le parasitisme multiple du cirripède opercule *Balanus improvisus* Darwin par le Rhizocephale *Boschmuella baluni* (J. Bocquet-Védrine). *Arch. Zool. Exp. Gén.* 113(2):239–244.

Bonnier, J. 1887. Catalogue des crustacés malacostracés recueillis dans la baie de Concarneau. *Bull. Scient. Dept. Nord*, v. 18, 2. s., an. 10 (5-6):199–262; (7-8):296–356; (9-10): 361–422.

Boschma, H. 1925. Rhizocephala of Curacao. (In Bijdragen tot de kennis der fauna van Curacao. Resultaten eener reis van Dr. C. J. van der Horst in 1920). *Bijdr. Dierk. K. Zool. Genootsch. Natura Artis Magistra*, Amsterdam (24): 9–14.

_____. 1927a. Bemerkungen über Rhizocephalen des Golfes von Neapel. *Pubbl. Staz. Zool. Napoli* 8(2):261–272.

_____. 1927b. On the larval forms of Rhizocephala. *Proc. Sect. Sc. K. Akad. Wetensch.*, Amsterdam 30(2): 293–297.

_____. 1927c. Over de larven der Rhizocephalen. *Versl. Afd. Natuurk. K. Akad. Wetensch.*, Amsterdam 36(2): 177–182.

_____. 1927d. Over Europeesche vormen van het geslacht *Sacculina*. *Tijdschr. Nederl. Dierk. Vereen.*, 2. s., 20:69.

_____. 1927e. Over de larven der Rhizocephalen. *Tijdschr. Nederl. Dierk. Vereen.*, 2. s., 20:97.

_____. 1927f. Ueber europäische Formen der Gattung *Sacculina*. *Zool. Jahrb.*, Jena, Abt. Syst. 54(1-2):39–86.

_____. 1928a. The Rhizocephala of the Leiden Museum. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 11(2-3): 146–176.

_____. 1928b. Rhizocephala of the North Atlantic region. *The Danish Ingolf-Expedition* 3(10):1–49.

_____. 1928c. Two common species of parasitic Crustacea (Sacculinidae) of the West Indies. *Proc. U. S. Nat. Mus.* (2726), 73(5):1–10.

_____. 1928d. Rhizocephala. In "Zoology of the Faroes," 2 (Art. 28): 1–3. Copenhagen.

_____. 1929. *Galatheascus striatus*—a new rhizocephalan. *J. Mar. Biol. Assn. UK*, n. s., 16(1):73–79.

_____. 1930. *Briarosaccus callosus*, a new genus and new species of a rhizocephalan parasite of *Lithodes agassizii* Smith. *Proc. U. S. Nat. Mus.* (2804), 76(7):1–8.

_____. 1931a. On the identity of *Sacculina triangularis* and *Sacculina inflata*. *Proc. Roy. Soc. Edinb.* (1930–31), 51(1):64–70.

_____. 1931b. Papers from Dr. Th. Mortensen's Pacific Expedition 1914–16. LV. Rhizocephala. *Vidensk. Medd. Dansk Naturh. Forening København* 89:297–380.

_____. 1931c. Die Rhizocephalen der Siboga-Expedition. Supplement. *Siboga-Exped. Uitkom. Zool. Nederl. Oost-Indië* (1899–1900), Livr. 116, Monogr. 31 bis, 66 pp.

_____. 1931d. Rhizocephales. Résultats scientifiques du voyage aux Indes Orientales Néerlandaises de LL. AA. RR. le Prince et la Princesse Leopold de Belgique. *Mém. Mus. Roy. Hist. Natur. Belg.*, Hors Sér., 3(8):1–8.

_____. 1933a. Broedzorg bij Rhizocephala. *Handel. 24. Nederl. Nat.-en Geneesk. Cong.* (Wageningen, 18–20 Apr.): 198–199.

_____. 1933b. *Ligella*, a nomen nudum. Correction to papers from Dr. Th. Mortensen's Pacific expedition 1914–16. LV. Rhizocephala. *Vidensk. Medd. Dansk Naturh. Forening København* 93:169–170.

_____. 1933c. New species of Sacculinidae in the collection of the United States National Museum. *Tijdschr. Nederl. Dierk. Vereen.*, 3. s., 3(4):219–241.

_____. 1933d. The Rhizocephala in the collection of the British Museum. *J. Linn. Soc., London, Zool.* (261), 38:473–552.

_____. 1934a. On *Sacculina punctata*, a new species from Japan. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 17(3-4):286–289.

_____. 1934b. On *Sacculina gordoni*, a new species of the genus, parasitic on *Atergatis floridus*. *Bull. Raffles Mus.*, Singapore, Straits Settlements, Dec. 1933. 8: 36–45.

_____. 1934c. The relationship between the Sacculinidae of the Pacific and their hosts. *Proc. 5. Pacific Sc. Cong.* (Canada, 1933) 5:4195–4197.

_____. 1934d. Rhizocephales (Supplement). Résultats scientifiques du voyage aux Indes Orientales Néerlandaises de LL. AA. RR. le Prince et la Princesse Leopold de Belgique. *Mém. Mus. Roy. Hist. Natur. Belg.*, Hors Sér., 3(16):1–8.

_____. 1935. Notes on Japanese Rhizocephala, with a description of two new species. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 18(1-3):151–160.

_____. 1936a. Notes on some Rhizocephala of the genus *Loxothylacus*. *Festschr. 60. Geburst. Embrik Strand* 1: 370–391.

_____. 1936b. The specific characters of *Sacculina rotundata* Miers and *Sacculina yatsui* nov. spec. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 19(1-2):1–22.

_____. 1936c. Sur la *Sacculina carpiliae* et la *Sacculina leptodiae*, de Guérin-Ganivet. *Bull. Mus. Nat. Hist. Nat. Paris*, 2. s., 8(4):342–344.

_____. 1937a. Rhizocephala. *Zool. Faroes*, Copenhagen, 2(1), Art. XXVIII:1–3.

_____. 1937b. The species of the genus *Sacculina* (Crustacea Rhizocephala). *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 19(3-4):187–328.

_____. 1938. *Loxothylacus nierstraszi*, a new species of rhizocephalan parasite from the East Indies. *Arch. Néerl. Zool.* 3 (Suppl.):17–21.

_____. 1940. Biological results of the Snellius expedition. VIII. Some Rhizocephala of the genus *Loxothylacus*. *Temminckia* 5:273–372.

Boschma, H. 1946. Notes on a specimen of *Lernaeodiscus squamiferae* Pérez (Crustacea, Rhizocephala). *Proc. K. Nederl. Akad. Wetensch.* 49:733-737.

_____. 1947a. The European Rhizocephala in the collection of the Brussels Museum of Natural History. *Bull. Mus. Roy. Hist. Nat. Belg.* 23(23):1-7.

_____. 1947b. Three successive layers of external cuticle in *Sacculina leptodiae*. *Proc. K. Nederl. Akad. Wetensch.* 50(1):3-9.

_____. 1947c. The rhizocephalan parasites of the crab *Chlorodiella nigra* (Forsk.). *Proc. K. Nederl. Akad. Wetensch.* 50(2):121-130.

_____. 1947d. The rhizocephalan parasites of the crab *Actaea hirsutissima* (Rüpp.). *Proc. K. Nederl. Akad. Wetensch.* 50(3):272-278.

_____. 1947e. The external shape as a specific character in *Loxothylacus* (Crustacea Rhizocephala). *Proc. K. Nederl. Akad. Wetensch.* 50(9):1033-1037.

_____. 1948a. The orientation of the Sacculinidae (Crustacea Rhizocephala) in respect to their hosts. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 29:302-305.

_____. 1948b. *Sacculina leptodiae* Guér.-Gan., a parasite of three different crabs. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 30(3):49-71.

_____. 1948c. The rhizocephalan parasites of the crab *Atergatis floridus*. *Proc. K. Nederl. Akad. Wetensch.* 51(5):515-524.

_____. 1948d. Some rhizocephalan parasites of maiiid crabs. *Proc. K. Nederl. Akad. Wetensch.* 51(8):939-949.

_____. 1949a. Notes on *Sacculina carpiliae* Guérin-Ganivet (Crustacea Rhizocephala). *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 30(13):191-203.

_____. 1949b. *Sacculina beauforti* and *Loxothylacus ihlei*, two Rhizocephala of the crab *Scylla serrata* (Forsch.). *Bijdr. Dierk. K. Zool. Genootsch.*, Amsterdam (28):41-46.

_____. 1949c. Rhizocephalan parasites of crabs of the genus *Metopograpsus*. *Proc. K. Nederl. Akad. Wetensch.* 52(8):801-818.

_____. 1949d. *Sacculina cuspidata* nov. spec., with notes on variation in *Loxothylacus carinatus* (Kossm.). *Proc. K. Nederl. Akad. Wetensch.* 52(9):966-976.

_____. 1949e. The occurrence of eggs in one of the testes of a rhizocephalan. *Proc. K. Nederl. Akad. Wetensch.* 52(10):1061-1066.

_____. 1950a. *Lernaeodiscus pusillus* nov. spec., a rhizocephalan parasite of a *Porcellana* from Egypt. *Bull. Brit. Mus. (Nat. Hist.)* 1(4):61-65.

_____. 1950b. Notes on Sacculinidae, chiefly in the collection of the United States National Museum. *Zool. Verhandel. Rijksmus. Nat. Hist.*, Leiden (7):3-55.

_____. 1950c. Some rhizocephalan parasites of xanthid crabs. *Proc. K. Nederl. Akad. Wetensch.* 53(7):996-1004.

_____. 1950d. *Sacculina pulchella*, a rhizocephalan parasite of three different hosts. *Proc. K. Nederl. Akad. Wetensch.* 53(8):1154-1162.

_____. 1950e. A rhizocephalan parasite of the crab *Ptychognathus barbatus* (A. M. E.) from Ternate. *Proc. K. Nederl. Akad. Wetensch.* 53(9):1357-1363.

_____. 1951a. Notes on *Sacculina gracilis*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 54(1):9-16.

_____. 1951b. *Sacculina ornatula*, a new species from Japanese waters. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 54(1):17-20.

_____. 1951c. On two specimens of *Sacculina gracilis*, parasites of goneplacid crabs. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 54(2):111-116.

_____. 1951d. *Tennascus foresti* n.g., n.sp., rhizocephale de *Calcinus spicatus* Forest des Iles Gambier. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 54(4):317-324.

_____. 1952a. *Sacculina inconstans*, a new species of rhizocephalan parasite from the Gilbert Islands. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 55(1):1-6.

_____. 1952b. Notes on three species of the genus *Sacculina Beaufortia* 18:1-9.

_____. 1953a. Notes on some Indopacific species of the genus *Sacculina*. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 32(8):69-86.

_____. 1953b. The Rhizocephala of the Pacific. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 32(17):185-201.

_____. 1954a. Rhizocephala from Indo-China. I. A parasite of the crab *Charybdis anisodon* (de Haan). *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 57(3):223-229.

_____. 1954b. Rhizocephala from Indo-China. II. A parasite of the crab *Calappa philargius* (Linnaeus). *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 57(3):230-241.

_____. 1954c. Rhizocephala from Indo-China. III. Parasites of the crab *Podophthalmus vigil* (Fabricius). *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 57(4):365-377.

_____. 1954d. Rhizocephala from Indo-China, IV. Parasites of the crab *Charybdis feriata* (Linnaeus). *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 57(4):378-389.

_____. 1954e. Rhizocephala from Indo-China. V. Parasites of crabs of the genus *Xantho*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 57(5):563-573.

_____. 1955a. The described species of the family Sacculinidae. *Zool. Verhandel.*, Leiden 27:1-76.

_____. 1955b. Rhizocephala from Indo-China. VI. Parasites of the crab *Plagusia immaculata* Lamarck. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(1):32-40.

Boschma, H. 1955c. Rhizocephala from Indo-China. VII. Parasites of the crab *Thalamita crenata* Latreille. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(2):137–145.

_____. 1955d. Rhizocephala from Indo-China. VIII. Concluding remarks. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(2):146–153.

_____. 1955e. A rhizocephalan parasite of the crab *Cymopolia whitei* Miers. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(3):273–278.

_____. 1955f. A rhizocephalan parasite of the crab *Notolopas lamellatus* Stimpson. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(4):401–406.

_____. 1955g. Notes on *Sacculina spectabilis*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 58(4):407–412.

_____. 1955h. The rhizocephalan parasite of the crab *Xantho incisus* (Leach). *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 33(23):227–235.

_____. 1955i. Rhizocephalan parasites of the crab *Pugettia brevirostris*, with notes on *Sacculina gracilis*. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 33(24):237–249.

_____. 1955j. Rhizocephala from New Guinea. I. *Sacculina carinata* Kossmann and *Loxothylacus kossmanni* nov. spec. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 34(3):25–50.

_____. 1955k. Rhizocephala from New Guinea. II. Peltogastridae. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 34(4):51–66.

_____. 1955l. Rhizocephala from New Guinea. III. *Loxothylacus variabilis* Boschma. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 34(6):89–107.

_____. 1955m. Rhizocephala from New Guinea. IV. Notes on parasites of various crabs. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 34(7):109–124.

_____. 1956. Rhizocephala from New Guinea. V. Notes on one Peltogastrid and four species of Sacculinidae. *Nova Guinea* n. s. 7(2):153–173.

_____. 1957a. Notes on Rhizocephala of the genus *Loxothylacus*. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 35(12):153–160.

_____. 1957b. *Heterosaccus indicus*, sp. nov., a rhizocephalan parasite of the crab, *Portunus pelagicus* (L.). *Ann. Zool. Agra* 2(1):1–20.

_____. 1957c. The Rhizocephala of crabs of the genera *Charybdis* and *Thalamita*, with notes on parasite specificity. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 60(3):287–298.

_____. 1958a. Notes on Rhizocephala infesting species of the anomuran genus *Galathea*. *Zool. Mededeel. Rijksmus. Nat. Hist.*, Leiden 36(3):33–53.

_____. 1958b. *Peltogaster contortus*, a new rhizocephalan from South Africa. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 61(4):431–437.

_____. 1958c. Notes on Sacculinidae from the Atlantic region. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 61(4):438–447.

_____. 1959a. The Crustacea Rhizocephala of Chile [Reports of the Lund University Chile expedition 1948–49(37)]. *Lunds Univ. Arsskr.*, N. F., Avd. 2. 56(3):1–20.

_____. 1959b. A rhizocephalan parasite of the crab *Xantho pilipes*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 62(1):1–8.

_____. 1959c. Notes on the rhizocephalan parasite *Septosaccus rodriguezii* (Fraisse). *Arch. Néerl. Zool.* 13 (Suppl. 1), 1958. pp. 225–233.

_____. 1960a. *Sacculina bourdoni* nov. spec., the rhizocephalan parasite of the crab *Xantho pilipes*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 63(1):1–9.

_____. 1960b. Further notes on *Sacculina dayi*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 63(1):10–18.

_____. 1960c. Notes on *Sacculina pugettiae*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 63(1):19–24.

_____. 1960d. A rhizocephalan parasite of the crab *Charybdis hoplites* (Wood-Mason). (French summary). *Crustaceana* 1(1):58–67.

_____. 1960e. The generic name *Carcinocystus*. *Crustaceana* 1(4):374–375.

_____. 1960f. Notes on some Rhizocephala from the Isle of Man. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 63(4):447–453.

_____. 1961a. Sacculinidae from Jugoslavia. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 64(3):277–291.

_____. 1961b. On two rhizocephalan parasites of the crab *Pisa muscosa*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 64(5):587–591.

_____. 1962a. Description de *Cyphosaccus norvegicus* sp. n., parasite rhizoéphale de *Munidopsis tridentata* (Esmark). *Compt. Rend. Acad. Sc., Paris* 254(1):50–52.

_____. 1962b. *Cyphosaccus norvegicus*, a Rhizocephalan parasite of *Munidopsis tridentata* from the Trondheim Fjord. *K. norske vidensk. Selsk. Forh.* 35:76–79.

_____. 1962c. A rhizocephalan parasite of a spider crab from the Andaman Sea. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 65(4):294–301.

_____. 1962d. Rhizocephala. *Discovery Rep. Nat. Inst. Oceanogr.* 33:55–92.

_____. 1962e. Sur les organes internes de *Cyphosaccus norvegicus* Boschma, parasite rhizoéphale de *Munidopsis tridentata* (Esmark). *Compt. Rend. Acad. Sc., Paris* 254(2):200–202.

_____. 1962f. Remarques additives sur les organes mâles de *Cyphosaccus norvegicus* Boschma, parasite rhizoéphale de *Munidopsis tridentata* (Esmark). *Compt. Rend. Acad. Sc., Paris* 254(3):397–399.

_____. 1963a. A rhizocephalan parasite of the crab

Charybdis callianassa (Herbst). *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 66(2):132–138.

Boschma, H. 1965a. Description of a rhizocephalan parasite of the crab *Ebalia tuberosa*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 68(5):333–340.

_____. 1965b. A rhizocephalan parasite of the crab *Geograpsus lividus*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 68(5):341–349.

_____. 1966a. A rhizocephalan parasite of a crab of the genus *Ptychognathus* from Japan. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 69(1):1–7.

_____. 1966b. Rhizocephalan parasites of the crab *Pachygrapsus gracilis*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 69(1):8–16.

_____. 1966c. Notes on the rhizocephalan parasites *Sacculina bicuspidata* and *Heterosaccus occidentalis*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 69:85–96.

_____. 1967a. Notes on Sacculinidae from the Gulf of Iran. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 70(2):137–143.

_____. 1967b. On two specimens of the rhizocephalan parasite *Ptychaseus glaber* Boschma from the island Trinidad. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 70(3):321–323.

_____. 1968a. *Loxothylacus engeli* nov. spec., a rhizocephalan parasite of the crab *Anasimus latus* Rathbun. *Beaufortia* 15:21–26.

_____. 1968b. *Pachygrapsus transversus* (Gibbes), a new host of *Sacculina carcinii* Thompson (Cirripedia, Rhizocephala). *Crustaceana* 14:108.

_____. 1969a. Rhizocephala from the Red Sea, chiefly obtained by the first Israel south Red Sea expedition in 1962. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 72: 254–272.

_____. 1969b. Notes on rhizocephalan parasites of the genus *Lernaeodiscus*. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 72(4):413–419.

_____. 1970a. Notes on Rhizocephala of the genus *Briarosaccus*, with the description of a new species. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 73:233–242.

_____. 1970b. A rhizocephalan parasite of the crab *Raninoides lamarcki* A. Milne Edwards & Bouvier. *Proc. K. Nederl. Akad. Wetensch.*, s. C, 73:317–322.

_____. 1971. Two new species of *Sacculina* from West Africa. *Proc. K. Nederl. Akad. Wetensch.*, s. C, Biol. and Med. Sc. 74(3):256–263.

_____. 1972. On the occurrence of *Carcinus maenas* (Linnaeus) and its parasite *Sacculina carcinii* Thompson in Burma, with notes on the transport of crabs to new localities. *Zool. Mededeel. Rijksmuse. Nat. Hist.*, Leiden 47:145–155.

_____. 1973. *Sacculina granifera* nov. spec., a Rhizocephalan parasite of the crab *Portunus (Portunus) pelagicus* (Linnaeus) from the coast of Queensland. *Proc. K. Nederl. Acad. Wetensch.*, s. C, 76(4):313–318.

_____. & E. Haynes. 1969. Occurrence of the rhizocephalan *Briarosaccus callosus* Boschma in the king crab *Paralithodes camtschatica* (Tilesius) in the Northwest Pacific Ocean. *Crustaceana* 16(1):97–100.

Bourdon, R. 1960. Rhizocéphales et Isopodes parasites des Décapodes marcheurs de la Baie de Quiberon. *Bull. Soc. Sci. Nancy* 19:134–153.

_____. 1963. Epicarides et Rhizocéphales de Roscoff. *Cah. Biol. Mar.* 4(4):415–434.

_____. 1964. Epicarides et Rhizocéphales du Bassin d'Arcachon. *Proc. Verh. Soc. Linn. Bordeaux* 101:51–65.

Brand, T. von. 1952. *Chemical physiology of endoparasitic animals*. Academic Press, New York. 339 pp.

Breede, P. Van Den. 1955. La Sacculine, parasite du crabe. *Nat. belges* 36(12):198–204.

Brinkmann, A. 1936. Die nordischen Munideaarten und ihre Rhizocephalen. *Bergens Mus. Skr.* 18:1–111.

Brown, F. A., Jr. 1944. Hormones in the Crustacea. Their sources and activities. *Quart. Rev. Biol.* 19:32–46, 118–143.

_____. 1948. Hormones in Crustaceans, pp. 159–199. In: Pincus, G. and K. V. Thimann (eds.), *The Hormones*. Vol. 1, Academic Press, New York.

Bruntz, L. & J. Gautrelet. 1902. Étude comparée des liquides organiques de la Sacculiné et du Crabe. *Compt. Rend. Acad. Sc.*, Paris 134:349–350.

Bulgurkov, K. 1938. Study of Rhizocephala and Bopyridae from the Bulgarian Black Sea Coast. *Trud. na Chernorskata Biol. Sta. v'Varna*. No. 7:69–81.

Butler, T. H. 1955. Re-discovery of the parasitic cirripede *Mycetomorpha vancouverensis* Potts, in British Columbia waters. *J. Parasit.* 41:321.

Cameron, T. W. M. 1956. *Parasites and Parasitism*. Methuen & Co. Ltd. 322 pp.

Cantacuzène, A. 1925. Reaction du crabe Sacculiné vis-à-vis d'une infection expérimentale de la Sacculine. *Compt. Rend. Soc. Biol.*, Paris 93:1417–1419.

Cantacuzène, J. 1913. Observations relatives à certains propriétés du sang de *Carcinus maenas* parasité par la sacculine. *Compt. Rend. Soc. Biol.*, Paris 74(2):109–111.

Caroli, E. 1929. La presenza del genere *Thompsonia* Kossmann nel golfo di Napoli. *Arch. Zool. Ital.* 13(3–4): 493–498.

_____. 1931. Azione modificatrice dei bopyridi e dei rhizocefali sui caratteri sessuali secondarii delle callianasse. *Arch. Zool. Ital.*, Torino 16(1–2):316–322.

Caullery, M. 1906. Sur un amoebien parasite des embryons de *Peltogaster curvatus* Kossm. *Compt. Rend. Soc. Biol.*, Paris, an. 58, v. 61, v. 2 (28):266–269.

Caullery, M. 1907a. La castration parasitaire produite sur les rhizocéphales par les cryptonisciens. *Compt. Rend. Soc. Biol.*, Paris 62(3):113–116.

_____. 1907b. Sur les Liriopsidae, crustacés isopodes (epicarides), parasites des rhizocéphales. *Compt. Rend. Acad. Sc.*, Paris 144(2):100–102.

_____. 1908. Recherches sur les Liriopsidae, epicarides cryptonisciens parasites des rhizocéphales. *Mittb. Zool. Station Neapel* 18(4):583–643.

Causey, D. 1954. Parasitic barnacles. *Educational Focus* (Rochester) 25:9–10.

Cavolini, F. 1787. Memoria sulla generazione dei pesci e dei granchi. Napoli, in-4°.

Cendrero, O. 1972. Datos sobre el parasitismo de *Sacculina carcinii* en *Carcinus maenas* de la bahía de Santander. *Bol. R. Soc. Espanola Hist. Nat. (Biol.)* 70:131–136.

Charniaux-Cotton, H. 1956. Déterminisme hormonal de la différenciation sexuelle chez les Crustacés. *Ann. Biol.* 32:371–399.

Chassard-Bouchaud, C. & M. Hubert. 1975a. Etude ultrastructurale de l'organe Y de *Carcinus maenas* L.: comparaison entre des animaux sains et des animaux parasités par *Sacculina carcinii* Thompson. *Compt. Rend. Acad. Sc.*, Paris 281:893–895.

_____. & _____. 1975b. Données préliminaires sur l'ultrastructure de l'orange Y du crabe *Carcinus maenas* L. sain et parasité par *Sacculina carcinii* Thompson. *J. Micr. et Biol. Cellulaire* 23(38a).

_____. & _____. 1976. On the fine structure of the regressing ecdysial glands of *Carcinus maenas* L. (Crustacea Decapoda) parasitized by *Sacculina carcinii* Thompson. *Cell. Tis. Res.* 167(3):351–361.

chia, V. 1967. *Thompsonia* sp., a rhizocephalan from Singapore. *Malaysian Vet. J.* 4(2):160.

Christmas, J. Y. 1969. Parasitic barnacles in Mississippi estuaries with special reference to *Loxothylacus texanus* Boschma in the blue crab (*Callinectes sapidus*). *Proc. 22nd Ann. Conf. SE Assoc. Game & Fish Comm.*, pp. 272–275.

Codreanu, R. 1941. Sur les Pagures du Littoral roumain de la Mer Noire et leurs Crustacés parasités. *Analele Acad. Rep. Populare Române, Mem. Sect. Stiintifice* (ser. 3) 16:1095–1130.

_____. 1960. Sur quelques Pagures littoraux de l'Albanie et la présence du Rhizocephale *Septosaccus cuenotti* Duboscq 1911 dans l'Adriatique. *Rapp. Comm. int. Mer. Medit.* 15(2):127–140.

_____. 1961. Crustacés parasites à affinités indo-pacifiques dans la mer Noire. *Hydrobiologia*, Bucaresti 3:133–146.

_____. 1968. Y a-t-il des espèces biologiques (jumelles) chez les épícarides et les rhizocéphales? *Trav. Mus. Hist. Nat. "Gr. Antipa,"* Bucaresti 8(2):601–614.

_____. & M. Codreanu. 1959. Données biologiques et statistiques sur un Pagure, *Diogenes pugilator* (Roux) de la Mer Noire et ses Crustacés parasités. *Essai d'analyse de ses caractères sexuels. Lucrările Sesiunii Științifice Agigea* 21:315–348.

Cornubert, G. 1952. Influence de la sacculine *Sacculina carcinii* Thompson sur le crabe *Pachygrapsus marmoratus* Fabricius. *Compt. Rend. Acad. Sc.*, Paris 234(11):1218–1220.

_____. 1953. Effets de l'ablation des pédoncules oculaires sur la féminisation de l'abdomen du crabe *Pachygrapsus marmoratus* Fabricius mâle parasité par *Sacculina carcinii* Thompson. *Compt. Rend. Acad. Sc.*, Paris 236(10): 1082–1084.

_____. 1954. Influence de l'ablation des pédoncules oculaires sur la mue du crabe *Pachygrapsus marmoratus* Fabricius parasité par *Sacculina carcinii* Thompson. *Bull. Inst. Océanogr. Monaco* 1039:1–4.

Courrier, M. R. 1921. Sur le déterminisme des caractères sexuels secondaires chez les Arthropodes. *Compt. Rend. Acad. Sc.*, Paris 173:668–671.

Coutière, H. 1902a. Sur un nouveau type de rhizocéphale, parasité des Alpheidae. *Compt. Rend. Soc. Biol.*, Paris 54(13):447–449.

_____. 1902b. Sur un nouveau type de rhizocéphale gréginaire parasité des Alpheidae. *Compt. Rend. Soc. Biol.*, Paris, 54(19):625–626.

_____. 1902c. Sur un nouveau type de rhizocéphale gréginaire parasité des Alpheidae. *Compt. Rend. Soc. Biol.*, Paris 54(21):724–725.

_____. 1902d. Sur un type nouveau de rhizocéphale, parasité des Alpheidae. *Compt. Rend. Acad. Sc.*, Paris 134(16):913–915.

Dahl, E. 1949. Epicaridea and Rhizocephala from northern Norway with a discussion on the bathymetrical distribution of Rhizocephala. *Tromsø Mus. Arrshestor* 69(1): 1–44.

Damboviceanu, A. 1928. Variations des substances protéiques coagulables par la chaleur dans le plasma des *Carcinus maenas* normaux et sacculinés. *Compt. Rend. Soc. Biol.*, Paris 98(18):1633–1635.

_____. 1932. Composition chimique et physico-chimique du liquide cavitaire chez les Crustacés Décapodes. *Arch. roumaines pathol. exptl. microbiol.* 5:239–309.

Darnell, R. M. 1959. Studies of the life history of the blue crab (*Callinectes sapidus* Rathbun) in Louisiana waters. *Trans. Amer. Fish. Soc.* 88(4):294–304.

Daugherty, F. M., Jr. 1949. Blue crab investigation 1948–49. Ann. Rept. Mar. Lab. Texas Game, Fish and Oyster Comm. for 1948–49. (Unpublished).

_____. 1952. The blue crab investigation, 1949–1950. *Texas Jour. Sci.* 4(1):77–84.

Daugherty, S. J. 1969. Aspects of the ecology, life history, and host-parasite relationship of *Loxothylacus panopaei* (Sacculiniidae) in Chesapeake Bay. M. A. Thesis. College of William and Mary, Williamsburg, Va. 68 pp.

Day, J. H. 1935. The life-history of *Sacculina*. *Quart. J. Micro. Sci.* 77:549–583.

Delage, Y. 1883a. Sur l'anatomie et la physiologie de la Sacculiné à l'état adulte. *Compt. Rend. Acad. Sc., Paris* 97:961–964.

_____. 1883b. Sur la Sacculiné interne, nouveau stade du développement de la *Sacculina carcinii*. *Compt. Rend. Acad. Sc., Paris* 97:1012–1014.

_____. 1883c. Sur l'embryogénie de la *Sacculina carcinii*, Crustacé endoparasité de l'ordre nouveau de Kentrogonides. *Compt. Rend. Acad. Sc., Paris* 97:1145–1148.

_____. 1883–1884d. Note sur la Sacculiné. *Bull. Soc. Linn. Normandie*, 3 e série, 8:17–24.

_____. 1884. Evolution de la sacculiné (*Sacculina carcinii* Thoms.) crustacé endoparasité de l'ordre nouveau des kentrogonides. *Arch. Zool. Exp. Gén.*, 2. s. 2:417–736.

_____. 1885a. De l'existence d'un système nerveux chez le *Peltogaster*. Contribution à l'histoire des kentrogonides. *Compt. Rend. Acad. Sc., Paris* 100(15):1010–1012.

_____. 1885b. On the existence of a nervous system in *Peltogaster*; a contribution to the history of the Centrionidae. *Ann. and Mag. Nat. Hist.*, 5 s. (90), 15:495–498. (Translation of previous entry.)

_____. 1886a. Sur la Sacculiné. *Compt. Rend. Acad. Sc., Paris* 102:1336–1338.

_____. 1886b. Sur le système nerveux et sur quelques autres points de l'organisation du *Peltogaster* (Rathke). Contributions à l'ordre des Kentrogonides. *Arch. Zool. Exp. Gén.*, 2. s. 3:17–36.

_____. 1886c. Sur le système nerveux et sur quelques autres points de l'organisation du *Peltogaster* (Rathke); contribution à l'histoire des kentrogonides. *Arch. Zool. Exp. Gén.*, 2. s. 4:17–36.

_____. 1900. La question de la Sacculiné. *Bull. Soc. Zool. France* 25:72–73.

Dillon, W. A. & D. E. Zwerner. 1966. Contributions to the biology of the sacculinid parasite *Loxothylacus panopaei* (Gissler, 1884) Boschma, 1928. *Trans. Amer. Microsc. Soc.* 85(3):407–414.

Dornesco, G. T. & E. Fischer-Piette. 1931. Données cytologiques sur les "racines" de la Sacculiné, Crustacé parasité. *Bull. Histol. Appl.* 8:213–221.

Drilhon, A. 1936. Quelques constantes chimiques et physicochimiques du milieu intérieur de crabe sacculiné, *Carcinus moenas*. *Compt. Rend. Acad. Sc., Paris* 202(11):981–982.

_____. 1937. Influence du parasitisme sur l'équilibre minéral des tissus (la sacculiné chez le crabe). *Compt. Rend. Acad. Sc., Paris* 204(11):913–915.

_____. & E. A. Pora. 1936a. Sacculiné et Crabe. Étude chimique et physico-chimique. *Trav. Sta. Biol. Roscoff* 14:111–120.

_____. & _____. 1936b. Ionisation et tampons du milieu intérieur du crabe parasité, *Carcinus moenas* sacculiné. *Compt. Rend. Acad. Sc., Paris* 202(14):1309–1311.

Duboscq, O. 1901. Sur l'évolution du testicule chez la Sacculiné. *Arch. Zool. Exp. Gén.*, 3. s. 9, Notes et revue, XVII–XXIX.

_____. 1912. Sur les peltogastrides des côtes de France: *Peltogaster (Chlorogaster) pruvoti* n. sp., *Peltogaster (Chlorogaster) delagei* n. sp., et *Septosaccus cuenoti* n. g., n. sp. *Arch. Zool. Exp. Gén.*, 49, 5. s. v. 9(1):9–15.

_____. 1937. *Gemmosaccus* nov. nom. au lieu de *Chlorogaster* Dub. pour les *Peltogaster* du type *P. sulcatus*. *Zool. Mededel. Rijksmus. Nat. Hist.*, Leiden 19(3–4):180.

Durand, D. & A. Veillet. 1972. La spermatogénèse chez les Rhizocephales *Gemmosaccus sulcatus* (Lilljeborg) et *Sacculina carcinii* Thompson. *Bull. Acad. Soc. Lorr. Sci.* 11(2):119–131.

Fischer, E. 1927a. Sur le tissu constituant les "racines" endoparasitaires de la sacculine. *Compt. Rend. Soc. Biol., Paris* 96(5):329–330.

_____. 1927b. Connexions tissulaires intimes entre la sacculine et le crabe qu'elle parasite. Les follicules lagéniformes. *Compt. Rend. Soc. Biol., Paris* 97(21):203–205.

_____. 1928a. Association chez le crabe d'un tissu parasite et d'une trame conjonctive, analogue à certains processus tumoraux. *Bull. Ass. Franc. Etude Cancer.* an. 21, 17: 468–470.

_____. 1928b. Sur les interactions tissulaires: Les effets du parasitisme de la Sacculine sur le tissu conjonctif du Crabe. *Compt. Rend. Soc. Biol., Paris* 98:662–664.

_____. 1928c. Sur les modifications d'un organisme (crabe) envahi par un parasite (sacculine). *Compt. Rend. Soc. Biol., Paris* 98(11):837–839.

Fischer-Piette, E. 1930. Sur la glande lymphatique des crabes sacculinés. *Bull. la. maritime musée natl. hist. nat. St. Servan* 5:23–25.

Fox, H. M. 1953. Haemoglobin and biliverden in parasitic cirripede Crustacea. *Nature*, London (4343), 171:162–163.

Foxon, G. E. H. 1940. Notes on the life history of *Sacculina carcinii* Thompson. *J. Marine Biol. Ass. U. K.* 24(1): 253–264.

Fratello, B. 1966. [Cytotaxonomy and systematics of Rhizocephala (Crustacea, Cirripedia)]. *Boll. Zool.* 33:147–148.

_____. 1967. Osservazioni cariologiche sui Crostacei Rizocefali. *Pubbl. Staz. Zool. Napoli* 35(3):300–306.

_____. 1968. Cariologia e tassonomia dei sacculinidi (Cirripedi, Rizocefali). *Caryologia* 21:359–367.

_____. 1969. Cariology and systematics in Crustacea Rhizocephala. *Atti. Ass. genet. ital.* 14:38–40.

Fréntz, R. 1960. Contribution à l'étude biochimique du milieu intérieur de *Carcinus maenus* Linne. *Edit. Société d'impressions typographiques*. Nancy, pp. 1–176.

_____. & A. Veillet. 1953. Teneur en lipides et déterminisme des caractères sexuels externes chez le crabe

Carcinus maenas Pennant, parasité par le rhizocephale *Sacculina carcinii* Thompson. *Compt. Rend. Acad. Sc.*, Paris 236(22):2168–2170.

George, A. I. 1959. *Heterosaccus ruginosus* (Boschma) a rhizocephalan parasite of the crab *Neptunus sanguinolentus* (Herbst). *J. Zool. Soc. India* 11(2):171–204.

Gerbe, J. 1862. Sur les *Sacculina*. Extrait d'une lettre de M. J. Gerbe, adressée à M. van Beneden. *Bull. Acad. Roy. Belgique*, 2. s., 13:247–248.

Giard, A. 1873. Sur les cirripèdes rhizocéphales. *Compt. Rend. Acad. Sc.*, Paris 77(17):945–948.

_____. 1874a. Sur l'embryogénie des rhizocéphales. *Compt. Rend. Acad. Sc.*, Paris 79(1):44–46.

_____. 1874b. Sur l'éthologie de la *Sacculina carcinii*. *Compt. Rend. Acad. Sc.*, Paris 79(4):241–243.

_____. 1886a. Sur l'orientation de *Sacculina carcinii*. *Compt. Rend. Acad. Sc.*, Paris 102(19):1082–1085.

_____. 1886b. De l'influence de certains parasites rhizocéphales sur les caractères sexuels extérieurs de leur hôte. *Compt. Rend. Acad. Sc.*, Paris 103(1):84–86.

_____. 1887a. De l'influence de certains parasites rhizocéphales sur les caractères sexuels extérieurs de leur hôte. (Abstract of Giard, 1886b) *Centralbl. Bakteriol.* 1. J., 1(14):427–428.

_____. 1887b. La castration parasitaire et son influence sur les caractères extérieurs du sexe mâle chez les crustacés décapodes. *Bull. Scient. Dépt. Nord.* v. 18, 2. s., v. 10 (1–2):1–28.

_____. 1887c. Sterilität durch Parasiten verursacht und ihre Einfluss auf die äusseren Charaktere der Männchen bei den Dekapoden Crustaceen. (Abstract of 1887d) *Naturw. Rundschau* 2(28):227–228.

_____. 1887d. Parasitic castration, and its influence upon the external characters of the male sex, in the decapod crustacea. (Transl. of 1887b) *Ann. and Mag. Nat. Hist.*, 5. s. (113), v. 19:325–345.

_____. 1887e. Sur les *Danalia*, genre de cryptonisciens parasites des sacculinés. *Bull. Scient. Dept. Nord.*, v. 18, 2. s., v. 10(1–2):47–53.

_____. 1887f. Sur la castration parasitaire chez l'*Eupagurus bernhardus* Linné et chez la *Gebia stellata* Montagu. *Compt. Rend. Acad. Sc.*, Paris 104:1113–1115.

_____. 1888a. La castration parasitaire. Nouvelles recherches. *Bull. Sci. France et Belg.* 19, s. 3, 1:12–45.

_____. 1888b. Analyse critique de description de *Sylon challengerii*, n. sp., par le Dr. P. P. C. Hoek. *Bull. Soc. France-Belgique*, s. 3, 1:433–437.

Gissler, C. F. 1884a. The crab parasite, *Sacculina*. *Am. Naturalist* 18(3):225–229.

Goldschmidt, R. 1920. *Mechanismus und Physiologie der Geschlechtsbestimmung*. Berlin.

Goldschmidt, R. B. 1923. *The mechanism and physiology of sex determination*. (Trans. by W. J. Dakin). Methuen, London. 259 pp.

Goldschmidt, R. 1931. *Die sexuellen Zwischenstufen*. Julius Springer, Berlin, 528 pp.

Guérin-Ganivet, J. 1910a. La répartition géographique du *Triangulus munidae* G. Smith, rhizocéphale parasite des espèces du genre *Munida* Leach. *Bull. Inst. Océanogr.* (189):3 pp.

_____. 1910b. La répartition géographique du *Triangulus munidae* G. Smith, rhizocéphale parasite des espèces du genre *Munida* Leach. *Trav. Scient. Lab. Zool. et Physiol. Maritimes Concarneau* 2(4):3pp.

_____. 1911. Contribution à l'étude systématique et biologique des rhizocéphales. *Trav. Scient. Lab. Zool. et Physiol. Maritimes Concarneau* 3(7):1–97.

_____. 1912. Les peltogastrides du Musée Océanographique de Monaco. *Trav. Scient. Lab. Zool. et Physiol. Maritimes Concarneau* 4(5): 8 pp.

Gunter, G. 1950. Seasonal population changes and distributions as related to salinity, of certain invertebrates of the Texas Coast, including the commercial shrimp. *Publ. Inst. Mar. Sci. Univ. Texas* 1(2):7–51.

Häfele, F. 1911. Notizen über phylogenetisch interessante Rhizocephalen. *Zool. Anz.*, Leipzig 38(7–8):180–185.

_____. 1912. Anatomie und Entwicklung eines neuen Rhizocephalen *Thompsonia japonica*. *Abhandl. K. Bayer. Akad. Wissensch. Math.-Phys. Kl.*, Suppl.-Bd. 2, 7. Abhandl: 25 pp.

Hale, H. M. 1927. *The Crustaceans of South Australia*. 1. Harrison Weir, gov't printer, North Terrace. Adelaide, 201 pp.

Halstead, B. W. 1965. *Poisonous and venomous marine animals of the world. I. Invertebrates*. U. S. Gov't. Ptg. Office, Washington, D.C. 994 pp.

Hanström, B. 1939. *Hormones in Invertebrates*. The Clarendon Press, Oxford, England. 198 pp.

Harris, A. H. & J. G. Ragan. 1970. Observations on the ecology and incidence of *Loxothylacus texanus* (Boschma), parasitic in the blue crab (*Callinectes sapidus* Rathbun) in south Louisiana. *Proceedings SW Assoc. Parasit.* (Abstract).

Hartnoll, R. G. 1962. Parasitic castration of *Macropodia longirostris* (Fabricius) by a sacculinid. (French summary) *Crustaceana* 4(4):295–300.

_____. 1967. The effects of sacculinid parasites on two Jamaican crabs. *J. Linn. Soc., London, (Zoology)*, (310), 46:275–295.

Haswell, W. A. 1889. On *Sacculina* infesting Australian crabs. *Proc. Linn. Soc. N. South Wales* (1888), 2. s., v. 3:1711–1712.

Heath, J. R. 1971. Seasonal changes in a population of *Sacculina carcinii* Thompson (Crustacea: Rhizocephala) in Scotland. *J. Exp. Mar. Biol. Ecol.* 6:15–22.

Henry, D. P. 1954. Cirripedia: the barnacles of the Gulf of Mexico. *U. S. Fish Wildl. Serv., Fish. Bull.* 55:443–446.

Herberts, C. 1974. Etude du Crustacé Decapode *Carcinus mediterraneus* et du Rhizocéphale *Sacculina carcinii*. Analyse des sérum du crabe et de son parasite. *Compt. Rend. Acad. Sc., Paris* 279(20):1625–1628.

Hesse, E. 1867. Observations sur des crustacés rares ou nouveaux des Côtes de France. Description de deux sacculinidiens, d'un *Peltogaster*, d'un *Polychliniophile* et de deux cryptopodes nouveaux. *Ann. Sci. Natur.* (5) *Zool.* 8:199–216.

Hiraiwa, Y. K. 1924. Parasitic castration in *Pachygrapsus crassipes*, "aburagani" by *Sacculina* (Japanese text). *Dobuts Zasshi*, Tokyo (433), 36:468–471.

—. 1939. Effect of Rhizocephala and parasitic Isopoda on the sexuality of higher Crustacea. A review (Abstract of report before 2. Sc. Cong. Japan. Genetics, Feb. 23) (Japanese text) *Japan. J. Genetics* 15(4):241–247.

Hoek, P. P. C. 1888. Description of *Sylon challengerii* n. sp., a parasitic cirriped. *Rep. Scient. Results Voyage H. M. S. Challenger 1873–76*, *Zool.*, v. 24, App. A, pp. 919–926.

Hoshino, K. 1965. On the root-system of *Sacculina confragosa* Boschma, a rhizocephalan parasite attached to *Pachygrapsus crassipes* Randall. *Recherches Crust.* No. 2: 3–9.

Hubert, M., C. Chassard-Bouchaud & J. Bocquet-Védrine. 1976. Aspects ultra structuraux des hémocytes de *Carcinus maenas* L. (Crustacé décapode), parasité par *Sacculina carcinii* Thompson (Crustacé Cirripède): activité réactionnelle, genèse de collagène. *Compt. Rend. Acad. Sc.*, Paris, Sér. D., 283(7):789–792.

Ichikawa, A. & R. Yanagimachi. 1957. The sexual nature of a rhizocephalan, *Peltogasterella socialis*. *J. Fac. Sci. Hokkaido Univ.*, Ser. 6, *Zool.* 13:384–389.

— & —. 1958. Studies on the sexual organization of the Rhizocephala. I. The nature of the "testes" of *Peltogasterella socialis* Kruger. *Annot. Zool. Japan* 31:82–96.

— & —. 1960. Studies on the sexual organization of the Rhizocephala. II. The reproductive function of the larval (cypris) males of *Peltogaster* and *Sacculina*. *Annot. Zool. Japan* 33(1):42–56.

Kampen, P. N. van & H. Boschma. 1925. Die Rhizocephalen der Siboga Expedition. *Siboga-Exped. Uitkom. Zool., Nederl. Oost-Indie* (1899–1900), Livr. 101, Monogr. 31 bis, 61 pp.

Kauri, T. 1966. On the sensory papilla x organ in cirriped larvae. *Crustaceana* 11:115–122.

Kleinholz, L. H. 1942. Hormones in Crustacea. *Biol. Revs.* 17:91–119.

Koller, G. 1938. Hormone bei wirbellosen Tieren. Akad. Verlag. Leipzig. 143 pp.

Kollmann, M. 1908. Recherches sur les leucocytes et le tissu lymphoïde des Invertébrés. *Ann. Sc. Nat. Zool.* 8(9): 1–240.

—. 1909. Notes sur les rhizocéphales. *Arch. Zool.* *Exp. Gén.*, an. 41, 5 s., v. 1, Notes et Rev. (2):xliii–xlix.

—. 1910. Remarques sur quelques rhizocéphales et spécialement sur *Lernaeodiscus*. *Ann. Sc. Nat.*, Paris, 2001. (1909), an. 85, 9 s., v. 10(3–6):255–273.

Kossmann, R. 1872. Beiträge zur anatomie der schmarotzenden Rankenfüssler. *Verh. phys.-med. Ges. Würzburg*, N. F., 3:296–335.

—. 1872–1873. Beiträge zur anatomie der schmarotzenden Rankenfüsser. *Arb. Zool. Inst. Würzburg* 1: 97–137.

—. 1874. Suctoria und Lepididae. Untersuchungen über die durch Parasitismus hervorgerufenen Umbildungen in der Familie der Pedunculata. *Arb. Zool. Inst. Würzburg* 1:179–207.

Krüger, P. 1912. Über ostasiatische Rhizocephalen. *Beiträge Naturgesch. Ostasiens*, hrsg. von F. Doflein. *Abh. math.-phys. Kl. K. Bayer. Akad. Wiss.*, II. Suppl.-Bd. 8. Abh. pp. 1–8.

—. 1940. In: Brönn, H. G., *Klassen und Ordnungen des Tierreichs*, Bd. 5, Abt. 1, Buch 3, Teil 3. 560 pp.

Kuris, A. M. 1974. Trophic interactions: similarity of parasitic castrators to parasitoids. *Quart. Rev. Biol.* 49(2): 129–148.

Lang, A. 1892. Traité d'anatomie comparée crustacées. *Deuxième Fascicule*, Paris. pp. 355–356, 449–453.

La Vaulx, R. de. 1922. L'intersexualité. *Rev. Gén. Sc. Pures et Appliq.* 33(6):174–181.

Lenel, R. 1954. Sur l'absorption des pigments caroténoides du crabe *Carcinus moenas* Pennant par son parasite *Sacculina carcinii* Thompson. *Compt. Rend. Acad. Sc.*, Paris 238(8):948–949.

Leuckart, K. G. 1859a. Carcinologisches. Einige Bemerkungen über *Sacculina* Thompson. (*Pachybdella* Dies., *Peltogaster* Rathke p. p.). *Arch. Naturg.*, Berlin, 25. J., 1:232–266.

—. 1859b. Observations on the genus *Sacculina*, Thompson (*Pachybdella*, Diesing; *Peltogaster* Rathke). *Ann. and Mag. Nat. Hist.*, *Zool.*, 3. s. (24), 4:422–429. (Translation of previous entry).

Levy, R. 1923. Sur la toxicité des tissus de la Sacculiné (*Sacculina carcinii*) vis-à-vis du crabe (*Carcinus moenas*) et sur la recherche de réactions d'immunité chez ce dernier. *Bull. Soc. Zool. France* 48:291–294.

—. 1924. Sur la constatation de différences d'ordre physico-chimique entre le sérum des crabes Sacculinés et celui des crabes normaux. *Bull. Soc. Zool. France* 49:333–336.

Lilljeborg, W. 1859a. Les genres *Liriope* et *Peltogaster*, H. Rathke. *Upsala*, 36 pp.

—. 1859b. *Liriope* och *Peltogaster* H. Rathke. *Ofvers. K. Vetensk.-Akad. Forh.* 16(4):213–217.

—. 1860a. Om de parasitiska Crustaceerna: *Liriope* och *Peltogaster*, H. Rathke. *Arsskr. K. Vetensk.-Soc. Upsala* 1:137–147.

Lilljeborg, W. 1860b. Ueber *Liriope* und *Peltogaster* Rathke. (Abstract of 1859b) *Ztschr. Ges. Naturw.* 15(2-3):153-154.

_____. 1861a. Supplément au mémoire sur les genres *Liriope* et *Peltogaster*, H. Rathke. Upsala. 30 pp.

_____. 1861b. *Liriope* et *Peltogaster*, H. Rathke. *Nova Acta Reg. Soc. Sci. Upsal.* ser. 3, 3:1-35.

_____. 1861c. Supplément au mémoire sur les genres *Liriope* et *Peltogaster*, H. Rathke. *Nova Acta Reg. Soc. Sci. Upsal.* ser. 3, 3:73-102.

_____. 1861d. Om *Liriope* och *Peltogaster*, H. Rathke. (Abstract of 1861b) *Fors. Skand. Naturforsk.* (1860), 8. Møde: 677-685.

_____. 1861e. Supplementary memoir on the genera *Liriope* and *Peltogaster*, Rathke. (Trans. of 1861c) *Ann. and Mag. Nat. Hist.* 3. s. (37), v. 7:47-63.

_____. 1864a. Mémoire sur les genres *Liriope* et *Peltogaster*, Rathke. (Same as 1861b). *Ann. Sc. Nat., Zool.* 5. s., v. 2 (5-6):289-324.

_____. 1864b. Supplément au mémoire sur les genres *Liriope* et *Peltogaster* (Same as 1861c). *Ann. Sc. Nat., Zool.*, 5. s., v. 2 (5-6): 325-355.

Malm, A. W. 1881. Om Cirrepeder funna vid Bohusläns Kust. *Göteborgs Naturhist. Mus. zool.-zoot. Afdel.* 3: 26-32.

Manwell, C. & C. M. Baker. 1963. Starch gel electrophoresis of sera from some marine arthropods: studies on the heterogeneity of hemocyanin and on a "ceruloplasmmin-like protein." *Comp. Biochem. Physiol.* 8(3):193-208.

Matsumoto, K. 1952. On the sacculinization of *Charybdis japonica* (A. Milne-Edwards). *Biol. J. Okayama Univ.* 1:84-89.

_____. 1954. Neurosecretion in the thoracic ganglion of the crab, *Eriocheir japonicus*. *Biol. Bull.* 106:60-68.

McGinitie, G. E. 1955. Distribution and ecology of the marine invertebrates of Point Barrow, Alaska. *Smithson. Misc. Coll.* 128(9):1-201.

McMullen, J. C. & H. T. Yoshihara. 1970. An incidence of parasitism of deepwater king crab, *Lithodes aequispina*, by the barnacle *Briarosaccus callosus*. *J. Fish. Res. Bd. Canada* 27:818-821.

Menzel, R. W. 1971. Checklist of the marine fauna and flora of the Apalachee bay and the St. George Sound area. Dept. of Oceanography, Fla. St. Univ. 126 pp.

More, W. R. 1969. A contribution to the biology of the blue crab (*Callinectes sapidus* Rathbun) in Texas, with a description of the fishery. *Texas Parks & Wildl. Dept. Tech. Ser.* 1:1-31.

Mouchet, S. 1931. Spermatophores des Crustaces Décapodes Anomoures et Brachyoures et castration parasitaire chez quelques Pagures. *Annls. Stn. Océanogr. Salanimbô* 6: 1-203.

_____. 1934. Castration parasitaire de l'*Eupagurus praeuxi* par le *Peltogaster curvatus*. *Trav. Stat. Biol. Roscoff* 12:11-19.

Müller, F. 1862. Die Rhizocephalen, eine neue Gruppe schmarotzender Kruster. *Arch. Naturg.*, Berlin 28:1-9.

_____. 1863. Die zweite Entwickelungsstufe der Wurzelkrebs (Rhizoccephalen). *Arch. f. Naturgesch. Jahrg.* 29: 24-33.

Nagabushanam, A. K. 1958. *Sacculina gonoplaxae* Guérin-Ganivet, 1911, a rhizocephalan parasite new to British waters. *Nature*, London (4601) 181:57-58.

Nayar, N. B. & O. N. Gurumani. 1956. On the occurrence of three *Sacculina* parasitising the edible crab *Neptunus sanguinolentus*. *J. Bombay Nat. Hist. Soc.* 53(4):730-732.

Nielsen, S.-O. 1970. The effects of the rhizocephalan parasites *Peltogaster paguri* Rathke and *Gemmosaccus sulcatus* (Lilljeborg) on five species of paguridan hosts (Crustacea Decapoda). *Sarsia* (42):17-32.

Nilsson-Cantell, C. A. 1926. Ueber Veränderungen der sekundären Geschlechtsmerkmale bei Paguriden durch die Einwirkung von Rhizocephalen. *Ark. Zool.*, Stockholm, 18(3), pt. A, art. 13. pp. 1-21.

Okuro, C. 1955. On the sacculinization of the hermit crab *Eupagurus ochotensis* (Brandt). *Annot. Zool. Japan* 28(2):100-105.

_____. 1956. On the change caused by Rhizocephalan parasites in the hermit crab *Eupagurus lanuginosus*. *J. Fac. Sci. Hokkaido Univ.*, Ser. VI., Zool. 12:511-515.

Okada, Y. K. & Y. Miyashita. 1935a. Ueber die vollständige Geschlechtsumkehr bei den mit *Sacculina* infizierten Männchen der japanischen Wollhandkrabbe, *Eriocheir japonicus* de Haan. *Biol. Zentralbl.* 55(11-12):625-634.

_____. & _____. 1935b. Sacculinization in *Eriocheir japonicus* de Haan, with remarks on the occurrence of complete sex-reversal in parasitized male crabs. *Mem. Coll. Sc.*, Kyoto Imp. Univ., s. B., 10(3):169-208.

_____. & Y. Okasaka. 1939. On the modification of the sexual characters of *Petrolisthes japonicus* (de Haan) by the parasite *Lernaeodiscus cornutus* Boschma. I. Secondary sexual characters and their changes. *Sci. Repts. Tokyo Bunrika Daigaku*, B., 4:63-88.

Orton, J. H. 1936. On the rate of growth of *Sacculina carcinii* Thompson in *Carcinus maenas* (Pennant). *Ann. and Mag. Nat. Hist.*, 10 s. (102), 17:617-625.

Park, J. R. 1969. Preliminary study of Biscayne Bay. *Quart. J. Fla. Acad. Sci.* 32(1):12-20.

Pearse, A. S. 1953. Parasitic crustaceans from Alligator Harbor, Florida. *Quart. J. Fla. Acad. Sci.* 15(4):187-243.

_____. & L. G. Williams. 1951. The biota of the reefs off the Carolinas. *J. Elisha Mitchell Sci. Soc.* 67(1): 133-161.

Pearson, J. 1908. Memoir on *Cancer pagurus*, the edible crab. no. xvi, Liverpool.

Pérez, C. 1903. Sur un isopode parasité d'une sacculine. *Proc.-Verb. Soc. Sc. Phys. et Nat. Bordeaux* (1902-03): 109-110.

Pérez, C. 1908. Sur la présence du *Lernaeodiscus galathaea* Smith dans le golfe de Gascogne. *Proc. Verb. Soc. Sc. Phys. et Nat. Bordeaux* (1907–1908):27–28.

_____. 1922. Sur deux Crustacés parasites de la *Galathea squamifera* Leach. *Bull. Soc. Zool. France* 47(5):132–133.

_____. 1926. Sur quelques caractères sexuels secondaires chez les Galathées. *Compt. Rend. Acad. Sc., Paris* 183: 86–89.

_____. 1927. Pléopode de type femelle chez un crabe mâle sacculiné. *Bull. Soc. Zool. France* 52(1):29–31.

_____. 1928a. Sur le cycle évolutif des rhizocéphales du genre *Chlorogaster*. *Compt. Rend. Acad. Sc., Paris* 187(18):771–773.

_____. 1928b. Notes sur les Epicarides et les Rhizocéphales des côtes de France. II. Nouvelles observations sur les parasites de l'*Eupagurus bernhardus*. III. L'*Eupagurus cuenensis* et ses parasites. IV. *Diogenes pugilator* et *Septosaccus cuenoti*. *Bull. Soc. Zool. France* 53:523–528.

_____. 1929. Différences sexuelles dans l'ornementation et dans le système pigmentaire chez un Crabe oxyrhynque (*Macropodia rostrata* L.). *Compt. Rend. Acad. Sc., Paris* 188:271–273.

_____. 1930. Sur l'ovogénèse chez les Rhizocéphales du genre *Chlorogaster*. *Compt. Rend. Soc. Biol., Paris* 104: 1273–1275.

_____. 1931a. Notes sur les Epicarides et les Rhizocéphales des côtes de France. VI. Epicarides fourvoyés dans le coelome des Crustacés Décapodes. VII. *Peltogaster* et *Liriopsis*. *Bull. Soc. Zool. France* 56(6):506–512.

_____. 1931b. Sur les racines des rhizocéphales parasités des pagures. *Compt. Rend. Acad. Sc., Paris* 192(12): 769–772.

_____. 1931c. Statistique d'infestation des pagures par les *Chlorogaster*. *Compt. Rend. Acad. Sc., Paris* 192(20): 1274–1276.

_____. 1931d. Remplacement successif des sacs viscéraux chez les *Chlorogaster*, rhizocéphales parasités des pagures. *Compt. Rend. Acad. Sc., Paris* 192(26):1753–1755.

_____. 1931e. Organogénèse des bourgeons de remplacement chez les *Chlorogaster*, rhizocéphales parasités des pagures. *Compt. Rend. Acad. Sc., Paris* 193(3):195–197.

_____. 1931f. Les rhizocéphales parasités des pagures. *Verhandl. Schweiz. Naturf. Gesellsch.* (112) Jahresversamml., 24–27 Sept., La Chaux-de-Fonds), 261–276.

_____. 1932a. Sur les racines des rhizocéphales parasités des pagures. *Arch. Zool. Ital.*, Torino 16(3–4):1315–1318.

_____. 1932b. Cycle évolutif des rhizocéphales du genre *Chlorogaster*. *Arch. Zool. Ital.*, Torino 16(3–4):1319–1329.

_____. 1932c. *Idem. Atti 11. Cong. Internaz. Zool.* (Padova, 4–11 Set. 1930), 3:1319–1329.

_____. 1932d. Sur quelques caractères différentiels des sexes chez le Bernhard l'Eremite. *Compt. Rend. Acad. Sc., Paris* 194:1187–1189.

_____. 1932e. Caractères différentiels des sexes des Pagures du genre *Diogenes*. *Compt. Rend. Acad. Sc., Paris* 195:1044–1046.

_____. 1933a. Restriction de la fécondité chez les femelles d'un crabe, *Macropodia rostrata*, sous l'influence de la sacculine. *Compt. Rend. Soc. Biol., Paris* 112(10):958–960.

_____. 1933b. Processus de résorption phagocytaire des oöcytes dans l'ovaire chez les Macropodia sacculinées. *Compt. Rend. Soc. Biol., Paris* 112:1049–1051.

_____. 1933c. Action de la sacculine sur les caractères sexuels extérieurs du *Pachygrapsus marmoratus*. *Compt. Rend. Soc. Biol., Paris* 113(25):1027–1029.

_____. 1934a. Atrophie de l'ovaire chez le crabe *Macropodia rostrata* sous l'influence de la sacculine. (In Hommage à la mémoire du Professeur Jean Cantacuzène. Paris, 601–609.).

_____. 1934b. Notes sur les épicarides et les rhizocéphales des côtes de France. VIII. Infection simultanée des pagures par un *Athelges* et un rhizocéphale. *Arch. Zool. Exp. Gén.* 75(32):541–565.

_____. 1935a. Titres et Travaux Scientifiques, fasc. II. Hermann et Cie, éd., pp. 112–260.

_____. 1935b. Sort des racines du *Peltogaster* après la chute du sac viscéral. *Compt. Rend. Acad. Sc., Paris* 201(4):286–288.

_____. 1935c. Sur une *Eriphia spinifrons* sacculinée. *Bull. Trav. Station Expér. Aquic, et Pêche Castiglione* (Algérie) (1933):49–58.

_____. 1937. Sur les racines des Rhizocéphales. XII^e Congrès Int. Zool., Lisbonne, C. R. 3:1555–1563.

_____. 1939. Démonstration de stades internes du *Septosaccus cuenoti* Duboscq, *Peltogaster* parasite du *Diogenes pugilator* Roux. *Bull. Soc. Zool. France* 64(2):137.

_____. 1941. Recherches sur les Rhizocéphales. I. Rameau récurrent et formations ovarianes des racines chez le "Peltogaster paguri" Mem. Acad. Sc. 65:1–29.

& E. Basse. 1928. Sur un monstre double de sacculiné. *Bull. Soc. Zool. France* 53(3):139–145.

Perry, H. M. 1975. The blue crab fishery in Mississippi. *Gulf Research Reports* 5(1):39–57.

Phang, V. P. E. 1975. Studies on *Thompsonia* sp. a parasite of the edible swimming crab *Portunus pelagicus*. *Malay. Nat. J.* 29(2):90–98.

Pilsbry, H. A. 1907. The barnacles (Cirripedia) contained in the collections of the U. S. National Museum. *Bull. U. S. Nat. Mus.* 60:1–121.

Pochon-Masson, J. 1971. Réserves glycogéniques dans le matériel péritflagellaire du Spermatozoïde des Cirripèdes. *J. Microsc. (Paris)* 12(1):139–144.

_____, J. Bocquet-Védrine, & Y. Turquier. 1969. Con-

tribution à l'étude du spermatozoïde des crustacés cirripèdes, pp. 205–209. In: Baccetti, B. (Ed.), *Comparative spermatology. Proc. Internat. Symp.*, Rome and Siena 1–5 July 1969. Accademia Nazionale dei Lincei, Rome. Academic Press, New York and London.

Popov, V. K. 1929. Rhizocephala and Bopyridae of the bay of Sevastopol (Russian text). *Trudy Sevastopol. Biol. Stantsii* 1:1–26.

Potts, F. A. 1906. The modification of the sexual characters of the hermit crab caused by the parasite *Peltogaster* (castration parasitaire de Giard). *Quart. J. Micr. Sc.*, n. s. (200), 50(4):599–622.

_____. 1909. Observations on the changes in the common shore-crab caused by *Sacculina*. *Proc. Cambridge Phil. Soc.* 15(2):96–100.

_____. 1912. *Mycetomorpha*, a new rhizocephalan (with a note on the sexual condition of *Sylon*). *Zool. Zahrb. Abt. Syst.* 33:575–594.

_____. 1914. *Thompsonia*, a little known Crustacean parasite (Preliminary note). *Proc. Cambridge Phil. Soc.* 17:453–459.

_____. 1915. On the rhizocephalan genus *Thompsonia* and its relation to the evolution of the group. *Publication Carnegie Inst. Washington* (212), 8:1–32.

Ragan, J. G. & B. A. Matherne. 1974. Studies on *Loxothylacus texanus*, pp. 185–203. In: R. L. Amborski, M. A. Hood, & R. R. Miller (eds.), *Proceedings of Gulf coast regional symposium on diseases of aquatic animals*, April 16–17, 1974, Louisiana State University, Publ. No. LSU-SG-74-05.

Ramult, M. 1935. Observations on the embryonic and larval development in *Sacculina* in changed osmotic conditions of medium. *Bull. Intern. Acad. Polon.* 2:87–109.

Rasmussen, E. 1959. Behaviour of sacculinized shore crabs (*Carcinus maenas* Pennant). *Nature* 183:479–480.

Rathke, H. 1842. Beiträge zur vergleichenden Anatomie und Physiologie, Reisebemerkungen aus Skandinavien, nebst einem Anhange über die rückschreitende Metamorphose der Thiere. VI. *Peltogaster paguri*. N. Schrift. *Naturf. Gesellsch. Danzig* 3(4):105–111.

Reinhard, E. G. 1939. Rediscovery of the rhizocephalan *Peltogaster paguri* on the North American coast. *Science*, n. s. (2300), 89:80–81.

_____. 1940a. The endoparasitic development of *Peltogaster paguri*. *Anat. Rec.* 78(4):104.

_____. 1940b. Studies on the rhizocephalan *Peltogaster paguri*. *Anat. Rec.* 78(4):125.

_____. 1942a. The endoparasitic development of *Peltogaster paguri*. *J. Morphol.* 70(1):69–79.

_____. 1942b. The reproductive role of the complementary males of *Peltogaster*. *J. Morphol.* 70:389–402.

_____. 1942c. Studies on the life history and host-parasite relationship of *Peltogaster paguri*. *Biol. Bull.* 83(3):401–415.

_____. 1944. Rhizocephalan parasites of hermit crabs from the northwest Pacific. *J. Wash. Acad. Sc.* 34(2): 49–58.

_____. 1946. Rhizocephala from New England and the Grand Banks. *J. Wash. Acad. Sc.* 36(4):127–131.

_____. 1948. *Tortugaster fistulatus* n. gen., n. sp., a rhizocephalan parasite of *Munidopsis robusta*. *Proc. Helminth. Soc. Wash.* 15(1):33–37.

_____. 1949. An analysis of the effects of a sacculinid on the external morphology of *Callinectes sapidus* Rathbun. *Anat. Rec.* 105(3):503.

_____. 1950a. An analysis of the effects of a sacculinid parasite on the external morphology of *Callinectes sapidus* Rathbun. *Biol. Bull.* 98(3):277–288.

_____. 1950b. Two species of *Lernaeodiscus* (Crustacea: Rhizocephala) from North Carolina and Florida. *Proc. Helminth. Soc. Wash.* 17(2):126–132.

_____. 1950c. The morphology of *Loxothylacus texanus* Boschma, a sacculinid parasite of the blue crab. *Texas J. Sci.* 2(3):360–365.

_____. 1951. *Loxothylacus*, a parasite of the blue crab in Texas. *Texas Game and Fish* 9(5):14–17.

_____. 1952. Notes on regeneration in the Rhizocephala (Crustacea). *Proc. Helminth. Soc. Wash.* 19(2):105–108.

_____. 1954. A case of conjoined twins in *Loxothylacus* (Crustacea, Rhizocephala). *Proc. Helminth. Soc. Wash.* 21(2):67–71.

_____. 1955. Some Rhizocephala found on Brachyuran crabs in the West Indian region. *J. Wash. Acad. Sci.* 45:75–80.

_____. 1956. Parasitic castration of Crustacea. *Exptl. Parasit.* 5:79–107.

_____. 1958. Rhizocephala of the family Peltogastridae parasitic on West Indian species of Galatheidae. *Proc. U. S. Nat. Mus.* 108:295–307.

_____. & T. von Brand. 1942. A hyperparasitic amoeba in *Peltogaster*. *Proc. Helminth. Soc. Wash.* 9(1):27–28.

_____. & _____. 1944. The fat content of *Pagurus* parasitized by *Peltogaster* and its relation to theories of sacculinization. *Physiol. Zoöl.* 17(1):31–41.

_____. & F. W. Buckeridge. 1950. The effect of parasitism by an entoniscid on the secondary sex characters of *Pagurus longicarpus*. *J. Parasit.* 36(2):131–138.

_____. & J. T. Evans. 1951. The sperniogenic nature of the "mantle bodies" in the aberrant Rhizocephalid *Mycetomorpha*. *J. Morph.* 89:59–69.

_____. & P. G. Reischman. 1958. Variation in *Loxothylacus panopaei* (Gissler), a common sacculinid parasite of mud crabs, with the description of *Loxothylacus perarmatus*, n. sp. *J. Parasit.* 44(1):93–99.

_____. & T. Stewart. 1956. The hermaphroditic nature of *Thompsonia* (Crustacea Rhizocephala) with the description of *Thompsonia cubensis*, n. sp. *Proc. Helminth. Soc. Wash.* 23:162–168.

Reischman, P. G. 1959. Rhizocephala of the genus *Peltogasterella* from the coast of the state of Washington to the Bering Sea. *Proc. K. Akad. Wetensch.*, Amsterdam (C), 62:409-435.

Reverberi, G. 1941. Sul determinismo die caratteri sessuali secondari e sulla femminilizzazione da parassitismo nei crostacei. *Boll. Zool.* 12(5-6):187-198.

_____. 1942. Annoteazioni biologiche sulla *Parthenopea subterranea* Kossman e sulla *Thompsonia mediterranea* Caroli e dati sulla modificazioni dei caratteri sessuali prodotte da parassiti sui loro ospiti. *Pubbl. Staz. Zool. Napoli* 19:89-102.

_____. 1943. Sul significato della "castrazione parassitaria." La transformazione del sesso nei Crostacei parasitai da Bopiridi e da Rizocefali. *Pubbl. Staz. Zool. Napoli* 19:225-316.

_____. 1944-45. La determinazione del sesso nei Crostacei e i fenomeni della castrazione parassitaria. *Rend. Inst. Lombardo di Scienze e Lettere* (Cl. di Scienze) 78(1):217-246.

_____. 1949. La "castrazione parassitaria" e la determinazione del sesso nei crostacei. *Attualità Zool.* (1942-1949), 1:1-116. (Arch. Zool. Ital., 34, Suppl.)

_____. 1950a. Parassitismo, iperparassitismo e "castrazione parassitaria" nei crostacei. *Boll. Zool.* 17(4-6): 88-90.

_____. 1950b. Problemi del sesso nei crostacei. (La "castrazione parassitaria"). *Quaderno Accad. Naz. Lincei*, Roma (22) 347:38-55.

Robertson, D. 1894. Jottings from my notebook, *Sacculina carcinii*, Thompson. *Trans. Nat. Hist. Soc. Glasg.*, N.S., 4:79.

Robson, G. C. 1911. The effect of *Sacculina* upon the fat metabolism of its host. *Quart. J. Micro. Sci.* 57:267-278.

_____. 1912. The effect of *Sacculina* upon the fat-metabolism of the crab *Inachus mauritanicus*. *Brit. Ass. Adv. Sc.* (81. Meet., Portsmouth, Aug. 31-Sept. 7, 1911), p. 415.

Rudloff, O. & A. Veillet. 1954. Influence du Rhizocéphale *Septosaccus cuenoti* sur le métabolisme lipidique du Pagure *Diogenes pugilator*. *Compt. Rend. Soc. Biol.*, Paris 148:1464-1467.

Salt, G. 1927. The effects of stylopisation on aculeate Hymenoptera. *J. Exptl. Zool.* 48:223-331.

Samuelson, T. J. 1970. *Peltogaster curvatus* Kossmann, a rhizocephalan parasite new to the Norwegian fauna with notes on the synonymy of one of the hosts, *Pagurus prideauxii* Leach. *Sarsia* 43:81-86.

Sandifer, P. A. 1973. Distribution and abundance of decapod crustacean larvae in the York River Estuary and adjacent lower Chesapeake Bay, Virginia, 1968-1969. *Chesapeake Sci.* 14(4):235-257.

Schimkewitsch, W. 1895. Über die untersuchungen von J.O. Pekarsky über die Entwicklung von *Peltogaster paguri*. *Trav. Soc. Nat. Petersbourg* 28:218.

Schram, T. A. 1972. Record of larva of *Peltogaster paguri Rathke* (Crustacea, Rhizocephala) from the Oslofjord. *Norweg. J. Zool.* 20(3):227-232.

Semitu, K. 1944. Sacculinization, with a note on the mechanism of sexual differentiation in the host (in Japanese). *Annot. Zool. Jap.* 22:175-184.

Shiino, S. M. 1931. Studies on the modification of sexual characters in *Eupagurus samuelis* caused by a rhizocephalan parasite *Peltogaster* sp. *Mem. Coll. Sc. Kyoto Imp. Univ.* 7(2):63-101.

_____. 1943. Rhizocephala of Japan. *J. Sigenkagaku Kenkyusyo* 1(1):1-36.

Shirase, S. & R. Yanagimachi. 1957. The early development of *Peltogasterella socialis* Krüger (a rhizocephalan). *Zool. Mag. Tokyo* 66:253-257.

Sindermann, C. J. & A. Rosenfield. 1967. Principal diseases of commercially important marine bivalve Mollusca and Crustacea. *U. S. Fish Wildl. Serv., Fish. Bull.* 66:335-385.

Smith, G. W. 1906. Rhizocephala. *Fauna und Flora des Golfs von Neapel*, Monographie 29:1-123.

_____. 1907. The fixation of the cypris larva of *Sacculina carcinii* (Thompson) upon its host, *Carcinus moenas*. *Quart. J. Micr. Sc.*, n. s. (204), 51(4):625-632.

_____. 1910. Studies in the experimental analysis of sex. Part 2. On the correlation between primary and secondary sexual characters. *Quart. J. Micr. Sci.* 54:590-604.

_____. 1910. Studies in the experimental analysis of sex. Part 3. Further observations on parasitic castration. *Quart. J. Micr. Sc.*, n. s., (218), 55(2):225-240.

_____. 1911. Studies in the experimental analysis of sex. Part 7. Sexual changes in the blood and liver of *Carcinus maenas*. *Quart. J. Micr. Sc.*, n. s. (226), 57(2):251-265.

_____. 1913. Studies in the experimental analysis of sex. Part 10. The effect of *Sacculina* on the storage of fat and glycogen, and on the formation of pigment by its host. *Quart. J. Micr. Sc.*, n. s. (234), 59(2):267-295.

_____. 1915. The genus *Lernaeodiscus* (F. Müller, 1862). *J. Linn. Soc., London, Zool.* (219), 32:429-434.

Stead, D. G. 1900. Contributions to a knowledge of the Australian crustacean fauna, No. II. On *Sacculina*, parasitic upon *Pilumnopaeus serratifrons*. *Proc. Linn. Soc. N. South Wales* (1899) (96), 24(4):687-690.

Thompson, J. V. 1836. Natural history and metamorphosis of an anomalous crustaceous parasite of *Carcinus maenas*, the *Sacculina carcinii*. *Entom. Mag.* 3(5):452-456.

Uglow, R. F. 1969. Haemolymph protein concentrations in portunid crabs. 3. The effect of *Sacculina*. *Comp. Biochem. Physiol.* 31:969-973.

Uspenskia, A. V. 1960. Parasitofaune des Crustacés benthiques de la mer de Barents (Exposé préliminaire). *Ann. Parasitol. Hum. Comp.* 35:221-242.

_____. 1963. Parasite fauna of benthic crustaceans from the Barents Sea. (Russian text) *Moskva*, Leningrad. 127 pp.

Van Engel, W. A. 1972. Subclass Cirripedia. p. 143. In: Wass, M. L. (ed.), A check list of the biota of lower Chesapeake Bay. *Va. Inst. Mar. Sci. Spec. Sci. Rep.* No. 65.

_____, W. A. Dillon, D. E. Zwerner & D. Eldridge. 1966. *Loxothylacus panopaei* (Cirripediae, Sacculinidae) an introduced parasite on a xanthid crab in Chesapeake Bay, U.S.A. *Crustaceana* 10:111-112.

_____, R. L. May, J. Whitten & D. D. Lundt. 1967. Distribution of sacculinid-infected mud crabs in Chesapeake Bay. *Virginia J. Sc.*, n.s., 18(4):166-167.

Veillet, A. 1941. Observations sur les crabes sacculinés et la Sacculine. I. *Bull. Inst. Océanogr. Monaco*, No. 802, 8 pp.

_____. 1943a. Note sur le dimorphisme des larves de *Lernaecodiscus galatheae* Norman et Scott et sur la nature des "mâles larvaires" des Rhizocéphales. *Bull. Inst. Océanogr. Monaco* 841:1-4.

_____. 1943b. Sur le parasitisme simultané du crabe *Carcinus moenae* L. par la sacculine *Sacculina carcinii* Th. et par l'isopode épicaride *Portunion moenadis* Giard. *Bull. Inst. Océanogr. Monaco*, No. 855, 8 pp.

_____. 1945. Recherches sur le parasitisme des Crabes et des Galathées par les Rhizocéphales et les Épicarides. *Ann. Inst. Océan., Monaco* 22(4):193-341.

_____. 1947. Métamorphose de la larve cypris du Rhizocéphale *Septosaccus cuenoti* Dub. parasité du pagure *Diogenes pugilator*. *Compt. Rend. Acad. Sc.*, Paris 224: 957-959.

_____. Sur l'élevage des larves des Rhizocéphales. *Bull. Inst. Océanogr. Monaco*, No. 990:1-6.

_____. 1952. Métamorphose de la larve cypris du Rhizocéphale *Gemmosaccus sulcatus* Liljeborg. *Compt. Rend. Acad. Sc.*, Paris 234:1310-1312.

_____. 1955. Remarque sur l'influence de la Sacculine sur les organes endocrines des crabes. *Bull. Soc. Scient. Nancy*, N. S. 14:73-74.

_____. 1960. Observation de la fixation des larves mâles chez le Cirripède parasité *Septosaccus cuenoti* Duboscq. Dimorphisme des larves de Rhizocephales. *Bull. Soc. Sci. Nancy*, N. S. 19(2-3):90-93.

_____. 1962. Sur la sexualité de *Sylon hippolytes* M. Sars, Cirripède parasité de Crevettes. *Compt. Rend. Acad. Sc.*, Paris 254:176-177.

_____. 1963. Métamorphose de la cypris ♀ du rhizocéphale *Drepanorchis neglecta* Frayssé. *Compt. Rend. Acad. Sc.*, Paris 256(7):1609-1610.

_____, & F. Graf. 1958. Dégénérescence de la glande androgène des Crustacés décapodes parasités par les Rhizocéphales. *Bull. Soc. Scient. Nancy*, N.S. 18: 123-127.

Vernet-Cornubert, G. 1958. Recherches sur la sexualité du crabe *Pachygrapsus marmoratus* (Fabricius). *Arch. Zool. Exp. Gén.* 96:101-276.

_____. 1959. Influence de l'ablation des pédoncules oculaires sur les caractères sexuels externes des femelles de *Pachygrapsus marmoratus* (Fabricius) parasitées par *Sacculina carcinii* (Thompson). *Bull. Soc. Scient. Nancy*, N. S. 18:263-275.

Walker, A. M. & A. S. Pearse. 1939. Rhizocephala in Maine. *Bull. Mt. Desert Island Biol. Lab.*, pp. 22-23. (Director's Report for 1938).

Wass, M. L. 1955. Decapod crustaceans of Alligator Harbor. *Quart. J. Fla. Acad. Sci.* 18(3):129-176.

Wells, H. W. 1966. Barnacles of the Northeastern Gulf of Mexico. *Q. J. Fla. Acad. Sci.* 29:81-95.

Wharfe, J. R. 1977. An ecological survey of the Benthic invertebrate macrofauna of the lower Medway Estuary, Kent. *J. Anim. Ecol.* 46(1):93-113.

Williams, A. B. 1966. The Western Atlantic Swimming crabs *Callinectes ornatus*, *Callinectes danae*, and a new, related species (Decapoda, Portunidae). *Tulane Studies in Zoology* 13(3):83-93.

Yanagimachi, R. 1960. The life cycle of *Peltogasterella gracilis* (Rhizocephala, Cirripedia). *Bull. Mar. Biol. Sta. Asamushi* 10(2):109-110.

_____. 1961a. Studies on the sexual organization of the Rhizocephala. III. The mode of sex-determination in *Peltogasterella*. *Biol. Bull.* 120:272-283.

_____. 1961b. The use of cetyl alcohol in the rearing of the rhizocephalan larvae (German summary). *Crustaceana* 2(1):37-39.

_____. 1961c. The life cycle of *Peltogasterella* (Cirripedia, Rhizocephala). (French summary) *Crustaceana* 2(3): 183-186.

_____, & Fujimachi. 1967. Studies on the sexual organization of the Rhizocephala. IV. On the nature of the "testis" of *Thompsonia*. *Annot. Zool. Japan* 40:98-104.

Zerbib, C., N. Andrieux & J. Berreur-Bonnenfant. 1975. Données préliminaires sur l'ultrastructure de la gland de mue (organe Y) chez le crabe *Carcinus mediterraneus* sain et parasité par *Sacculina carcinii*. *Compt. Rend. Acad. Sc.*, Paris 281:1167-1169.